

## EAST Search History

| Ref # | Hits    | Search Query                           | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|--|---|------------------|---------|------------------|
| S1    | 218857  | "358"/ print adj control same (server) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 16:10 |
| S2    | 236997  | "358"/ print adj control               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/07 07:58 |
| S3    | 7410334 | "358"/ control                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 16:12 |
| S4    | 440     | "358"/ adj control                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 16:12 |
| S5    | 440     | "358" adj control                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 16:13 |
| S6    | 0       | 358/1.15.CCLS adj control              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 16:15 |
| S7    | 8520    | 358/1.15.CCLS                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/13 09:32 |
| S8    | 0       | S7 adj control                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 16:16 |
| S9    | 0       | S7 same control                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 16:16 |
| S10   | 0       | S7 same (print adj control)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 16:17 |

## EAST Search History

|     |       |                            |   |    |    |                  |
|-----|-------|----------------------------|---|----|----|------------------|
| S11 | 19725 | (print adj control)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:17 |
| S12 | 713   | S11 and S7                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:17 |
| S13 | 0     | S11 and S7 same server     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:18 |
| S14 | 666   | print adj network          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:27 |
| S15 | 7     | S12 and S14                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:18 |
| S16 | 113   | browser adj controller     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:43 |
| S17 | 1     | S12 and S16                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:29 |
| S18 | 10    | S16 same print             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:45 |
| S19 | 0     | S7 same print adj server   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:45 |
| S20 | 0     | S7 same (print adj server) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/06 16:45 |

## EAST Search History

|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S21 | 815  | S7 and (print adj server)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/12/06 16:46 |
| S22 | 26   | S7 and (print adj server) same (print adj controller)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/12/06 16:46 |
| S23 | 8544 | 358/1.15.CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/12/07 07:59 |
| S24 | 4    | S23 and (print adj control) same (connect\$3 adj server)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/12/07 08:28 |
| S25 | 0    | S23 and (print adj control) same (braodband adj print\$3) same (electrophotography) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/12/07 13:16 |
| S26 | 0    | ("10213262").PN.  | US-PGPUB;<br>USPAT   | OR | OFF | 2006/12/07 13:16 |
| S27 | 3    | ("10213262").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/07 13:16 |
| S28 | 8544 | 358/1.15.CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/12/11 16:06 |
| S29 | 0    | S28 and (print adj controller) same (connect\$3 adj server)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/12/11 16:07 |
| S30 | 288  | S28 and (print adj controller)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/12/11 16:07 |
| S31 | 1033 | S28 and (print\$2 adj controller)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2006/12/11 16:08 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S32 | 106  | S28 and (print\$2 adj controller) same (computer with network)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12 08:03 |
| S33 | 0    | S28 and (print\$2 adj controller) same (computer with network) and (non-ejection adj nozzle)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11 16:09 |
| S34 | 0    | S28 and (print\$2 adj controller) same (non-ejection adj nozzle)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11 16:09 |
| S35 | 0    | S28 and (print\$2 adj controller) same (computer with network) and (non-ejection)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11 16:10 |
| S36 | 0    | S28 and (print\$2 adj controller) same (computer with network) same (nozzle)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11 16:10 |
| S37 | 0    | S28 and (print\$2 adj controller) same (computer with network) same (non-ejection with nozzle) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11 16:10 |
| S38 | 1    | S28 and (print\$2 adj controller) same(non-ejection with nozzle)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11 16:11 |
| S39 | 1    | S28 and (print\$2 adj controller) same (non-ejection and nozzle)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11 16:11 |
| S40 | 17   | S28 and (print\$2 adj controller) same (nozzle\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11 16:12 |
| S41 | 8558 | 358/1.15.CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/12 08:03 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S42 | 275 | S41 and (print\$2 adj controller) same (printer with information)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/12 08:03 |
| S43 | 2   | S41 and (print\$2 adj controller) same (printer with information) same (ejection)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/12 08:15 |
| S44 | 0   | S41 and (print\$2 adj controller) same (printer with information) same (server with print adj mode) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/12 08:15 |
| S45 | 2   | S41 and (print\$2 adj controller) same (printer with information) same ( print adj mode)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/12 08:15 |
| S46 | 29  | "0304782"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/12 11:20 |
| S47 | 2   | ("0304782").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/12 11:21 |
| S48 | 2   | ("6665094").PN. or ((10/171641) or (09/860179)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/12 11:25 |
| S49 | 5   | ((("6665094") or ("10171641") or ("9860179"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/13 08:29 |
| S50 | 0   | ("10449073").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/13 08:33 |
| S51 | 0   | (10/449074).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/13 08:33 |

## EAST Search History

|     |   |                       |   |    |     |                  |
|-----|---|-----------------------|---|----|-----|------------------|
| S52 | 0 | "10449073"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/13 08:33 |
| S53 | 0 | "10449084".apn.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/13 08:46 |
| S54 | 0 | "10449084".ap.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/13 08:46 |
| S55 | 0 | ("10449084.ap.").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/13 08:46 |
| S56 | 0 | ("10449084.apn.").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/13 08:47 |
| S57 | 0 | ("449084.apn.").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/13 08:48 |
| S58 | 0 | ("449084.ap.").PN.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/13 08:48 |
| S59 | 4 | "449084".ap.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/13 08:54 |
| S60 | 4 | "452998".ap.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/13 09:02 |
| S61 | 4 | "453477".ap.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/13 09:04 |

## EAST Search History

|     |      |                              |   |    |    |                  |
|-----|------|------------------------------|---|----|----|------------------|
| S62 | 7    | "453480".ap.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:07 |
| S63 | 7    | "453516".ap.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:11 |
| S64 | 6    | "449692".ap.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:20 |
| S65 | 2    | "465036".ap.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:25 |
| S66 | 5    | "463385".ap.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:26 |
| S67 | 4    | "464070".ap.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:28 |
| S68 | 4    | "453477".ap.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:29 |
| S69 | 7    | "453480".ap.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:29 |
| S70 | 8558 | 358/1.15.CCLS.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:32 |
| S71 | 57   | S70 and (internet adj print) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/13 09:42 |

## EAST Search History

|     |         |  |   |     |    |                  |
|-----|---------|--|---|-----|----|------------------|
| S72 | 1       | S70 and (internet adj print) same (browser adj controller) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/12/13 09:43 |
| S73 | 18      | "887188"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/12/13 13:55 |
| S74 | 440     | 358/1.8.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/14 16:46 |
| S75 | 1       | S74 and (non-ejection)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/14 16:56 |
| S76 | 0       | S74 and (generat\$3 adj print adj date)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/14 16:57 |
| S77 | 22      | S74 and (generat\$3 adj print adj data)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/14 17:03 |
| S78 | 1       | S77 and (non-eject\$4)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/15 07:50 |
| S79 | 15      | "619239"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/05/15 07:50 |
| S80 | 1157355 | defective nozzel or non\$1eject\$3 nozzle                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/05/29 13:05 |
| S81 | 102844  | S80 and configur\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/05/29 10:00 |



## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S82 | 1202 | S81 and select\$4 adj nozzle\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/29 10:25 |
| S83 | 246  | S82 and (reciev\$5 or reception)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/29 10:26 |
| S84 | 231  | S83 and (transmit\$4 or transmission)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/29 10:27 |
| S85 | 216  | S84 and (null or no data) near5 transmit\$5                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:23 |
| S86 | 169  | S85 and (notification or notify\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/29 10:39 |
| S87 | 1    | S85 and (notification or notify\$5) near3 printer                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/29 10:30 |
| S88 | 120  | (defective adj nozzel) or (non\$1eject\$3 adj nozzle)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/29 14:02 |
| S89 | 15   | ((defective adj nozzel) or (non\$1eject\$3 adj nozzle)) same (print adj head) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/29 13:49 |
| S90 | 1    | S89 and null  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/29 13:47 |
| S91 | 1    | ((defective adj nozzel) or (non\$1eject\$3 adj nozzle)) same (null adj data)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/29 13:50 |

## EAST Search History

|          |        |   |   |     |    |                  |
|----------|--------|---|---|-----|----|------------------|
| S92      | 0      | ((defective adj nozzle) or (non\$1eject\$3 adj nozzle)) same (empty adj data) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/05/29 13:50 |
| S93      | 0      | ((defective adj nozzle) or (non\$1eject\$3 adj nozzle)) same (no adj data)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/05/29 13:50 |
| S94      | 0      | ("2005/0122366").URPN.  | USPAT   | AND | ON | 2007/05/29 13:58 |
| S95      | 0      | ("2005/0122366").URPN.  | USPAT   | AND | ON | 2007/05/29 13:58 |
| S96      | 4      | (defective adj nozzle) or (non\$1eject\$3 adj nozzle) and (null adj data)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/05/29 14:08 |
| S97      | 3      | (non\$1eject\$3 adj nozzle) and (null adj data)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/05/29 14:08 |
| S98      | 13     | "631375"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/05/30 15:23 |
| S99      | 0      | 60/399506   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/05/30 15:24 |
| S10<br>0 | 34     | "399506"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/05/30 15:24 |
| S10<br>1 | 936493 | (defective adj nozzle) or (non-1eject\$3 nozzle)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/31 11:57 |
| S10<br>2 | 936971 | (defective adj nozzle) or (non\$1eject\$3 nozzle)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/31 11:56 |
| S10<br>3 | 856    | (defective adj nozzle) or (non-1eject\$3 adj nozzle)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/08/31 11:57 |

## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S10<br>4 | 964   | (defective adj nozzle) or (non\$1eject\$3 adj nozzle)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 11:57 |
| S10<br>5 | 8     | ((defective adj nozzle) or (non\$1eject\$3 adj nozzle)) with<br>(generat\$3 creat\$3) near (image data document)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 14:28 |
| S10<br>6 | 27    | ((defective adj nozzle) or (non\$1eject\$3 adj nozzle)) with<br>(generat\$3 creat\$3) near4 (image data document)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 12:06 |
| S10<br>7 | 25    | ((defective adj nozzle) or (non\$1eject\$3 adj nozzle)) with<br>(generat\$3 creat\$3) near3 (image data document)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/31 12:06 |
| S10<br>8 | 1473  | (defective near3 nozzle)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 14:27 |
| S10<br>9 | 10    | ((defective near4 nozzle) or (non\$1eject\$3 near4 nozzle)) with<br>(generat\$3 creat\$3) near (image data document)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 16:22 |
| S11<br>0 | 8     | ((defective near4 nozzle) or (non\$1eject\$3 near4 nozzle))<br>near6 (generat\$3 creat\$3) near (image data document) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 14:29 |
| S11<br>1 | 1     | 10/281967   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 14:40 |
| S11<br>2 | 72670 | "347"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 16:23 |
| S11<br>3 | 63    | "347"/117.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 16:27 |

## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S11<br>4 | 0     | S113 and (defective (non-ejection) near2 nozzle\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 16:26 |
| S11<br>5 | 0     | S113 and (defective (non-ejection)) near2 nozzle\$  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 16:27 |
| S11<br>6 | 0     | S113 and (defective (non-ejection)) near2 nozzle\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 16:27 |
| S11<br>7 | 0     | S113 and ((defective (non-ejection)) near2 nozzle\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 16:27 |
| S11<br>8 | 698   | S112 and (defective (non-ejection)) near2 nozzle\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:03 |
| S11<br>9 | 9     | S118 and 358/1.8,1.9.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/10 16:48 |
| S12<br>0 | 0     | ("7085002").URPN.   | USPAT   | OR | ON | 2007/09/11 09:23 |
| S12<br>1 | 13    | ("4963882"   "5038208"   "5418626"   "5808637"   "5923346"   "5929875"   "5992962"   "6010205"   "6033054"   "6034782"   "6036300"   "6106093"   "6270187").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2007/09/11 09:23 |
| S12<br>2 | 72702 | "347"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:05 |
| S12<br>3 | 699   | S122 and (defective (non-ejection)) near2 nozzle\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:05 |
| S12<br>4 | 64    | S123 and (null)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:05 |

## EAST Search History

|          |         |  |   |    |    |                  |
|----------|---------|--|---|----|----|------------------|
| S12<br>5 | 1177313 | defective nozzel or non\$1eject\$3 nozzle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:25 |
| S12<br>6 | 107325  | S125 and configur\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:23 |
| S12<br>7 | 1263    | S126 and select\$4 adj nozzle\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:23 |
| S12<br>8 | 264     | S127 and (reciev\$5 or reception)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:23 |
| S12<br>9 | 249     | S128 and (transmit\$4 or transmission)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:23 |
| S13<br>0 | 0       | S129 and (null) near5 transmit\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:24 |
| S13<br>1 | 51      | S129 and (null)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:24 |
| S13<br>2 | 27      | ((defective near3 (nozzel\$1 pixle\$1)) or (non\$1eject\$3 nozzle\$1)) near5 (null near3 data) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:40 |
| S13<br>3 | 939731  | ((defective near3 (nozzel\$1 pixle\$1)) or (non\$1eject\$3 nozzle\$1))                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:41 |
| S13<br>4 | 236     | ((defective near3 (nozzel\$1 pixle\$1)) or (non\$1eject\$3 nozzle\$1)) and (null near3 data)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:42 |

## EAST Search History

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S13<br>5 | 42 | ((defective near3 (nozzel\$1 pixle\$1)) or (non\$1eject\$3 nozzle\$1)) with (null near3 data)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:43 |
| S13<br>6 | 1  | ((defective near3 (nozzel\$1 pixle\$1)) or (non\$1eject\$3 near3 nozzle\$1)) with (null near3 data)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:44 |
| S13<br>7 | 0  | ((defective near3 (nozzel\$1 pixle\$1)) or (non\$1eject\$3 near3 nozzle\$1)) near3 (null near3 data) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 15:44 |
| S13<br>8 | 6  | ((defective near3 (nozzel\$1 pixle\$1)) or (non\$1eject\$3 near3 nozzle\$1)) and (null near3 data)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 16:19 |
| S13<br>9 | 24 | "561556"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/11 16:20 |
| S14<br>0 | 1  | ("4813802").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2007/09/11 16:22 |
| S14<br>1 | 83 | ("5124720").URPN.  | USPAT   | OR | ON | 2007/09/11 16:23 |